Author Index

ABU SINNA, G., LUNDGREN, E., NILSSON, K. & ROOS, G. Isozymes of amino acid naphthylamidase in human haematopoietic cell lines, 25.

ADAMSON, J.W., *see* WHITCOMB, W.H.

AKKERMAN, J.W.N., EBBERINK, R.H.M., LIPS, J.P.M. & CHRISTIAENS, G.C.M.L. Rapid separation of cytosol and particle fraction of human platelets by digitonin-induced cell damage, 291.

ALTER, B., GOFF, S.C., EFREMOV, G.D., GRAVELY, M.E. & HUISMAN, T.H.J. Globin chain electrophoresis: a new approach to the determination of the $^{G}\gamma/^{A}\gamma$ ratio in fetal haemoglobin and to studies of globin synthesis, 527.

AMER, K.A., PEPPER, D.S. & PROWSE, C.V. Effect of different resuspension media on the post-thaw characteristics of frozen blood, 635.

AMER, K.A., PEPPER, D.S. & URBANIAK, S.J. Lymphocyte, granulocyte and platelet contamination of blood frozen by the low-glycerol liquid nitrogen technique, 253.

AMESS, J.A.L., *see* MICHINTON, R.M.

ANDERTON, J.L., FANAPAZIR, L. & DAWES, J. Urinary β-thromboglobulin in essential hypertension, 307.

ANGIONI, G., *see* FURBETTA, M.

ANGIUS, A., *see* FURBETTA, M.

ASAKURA, T., *see* KIM, H.C.

ASCARI, E., *see* BALDUINI, C.L.

BADENHORST, P.N., *see* HEYNS, A. DUP.

BALDUINI, C., *see* BALDUINI, C.L.

BALDUINI, C.L., SINIGAGLIA, F., ASCARI, E. & BALDUINI, C. Erythrocyte membrane modifications in chronic granulocytic leukaemia, 509.

BARNETT, A.I., *see* RUTHERFORD, C.J.

BARROW, E.S., *see* GRAHAM, J.B.

BASSO, G., COCITO, M.G., SEMENZATO, G., PEZZUTTO, A. & ZANESCO, L. Cytochemical study of thymocytes and T lymphocytes, 577.

BASTEN, A., *see* TRENT, R.J.

BAUM, S.J. & LEDNEY, G.D. (eds) *Experimental Hematology Today 1979* (Review), 519.

BAUMGARTNER, H.R., TSCHOPP, T.B. & MEYER, D. Shear rate dependent inhibition of platelet adhesion and aggregation on collagenous surfaces by antibodies to human factor VIII/von Willebrand factor, 127.

BAYLEY, S.T., *see* CHUI, D.H.K.

BEAN, P.E., *see* JOHNSON, C.A.

BENAVIDES, I., *see* FOA, R.

BENNETT, J.M., CATOVSKY, D., DANIEL, M.T., FLANDRIN, G., GALTON, D.A.G., GRALNICK, H.R. & SULTAN, C. A variant form of hypergranular promyelocytic leukaemia (M3), 169.

BERAN, M., REIZENSTEIN, P. & UDEN, A.-M. Response to treatment in acute non-lymphatic leukaemia: prognostic value of colony forming and colony stimulating capacities of bone marrow and blood cells compared to other parameters, 39.

BLOOM, A.L., *see* PARRY, D.H.

BLOOMFIELD, C.D., *see* PETERSON, L.C.

BRADSTOCK, K.F., *see* JANOSSY, G.

BRUNNING, R.D., *see* PETERSON, L.C.

BRYON, P.A., *see* COIFFIER, B.

CAMASCHELLA, C., *see* MAZZA, U.

CAMINITI, F., *see* FURBETTA, M.

CAO, A., *see* FURBETTA, M., *see also* SANNA, G.

CARBONELL, F., *see* GRILLI, G.

CASADEVALL, N., *see* LACOMBE, C.

CATOVSKY, D., *see* BENNETT, J.M., *see also* COSTELLO, C., *see also* FOA, R.

CHERCHI, M., *see* FOA, R.

CHRISTIAENS, G.C.M.L., *see* AKKERMAN, J.W.N.

CHUI, D.H.K., PATTERSON, M. & BAYLEY, S.T. Unequal α and β globin mRNA in reticulocytes of normal and mutant *flf* fetal mice, 431.

CHUNG, K.-S., *see* JOHNSON, C.A., *see also* REISNER, H.M.

CIOCCA VASINO, M.A., *see* MAZZA, U.

CLANCY, R.L., *see* TRENT, R.J.

CLINE, M.J., *see* FITCHEN, J.H.

CLINK, H.MACD., *see* LAWLER, S.D.

COCITO, M.G., *see* BASSO, G.

COIFFIER, B., SICARD, B., BRYON, P.A. & GERMAIN, D. Observations on human bone granulocytic progenitor cell culture: a comparison of two ways to express results, 335.

COLWELL, J.A. & HALUSHKA, P.V. Platelet function in diabetes mellitus, 521.

COOK, I.A., ROBBO, A.L., MITCHELL, R., MCLAREN, E.A., URBANIAK, S. & ROBERTSON, A.E. Frozen red cells in rhesus immunization, 627.

COOPER, H.A., LEE, D., LAMB, M.A. & WAGNER, R.H. Structure-function of the factor VIII complex studied with an immobilized heteroantisera to VIII:C, 149.

CORNU, G., *see* DE BRUYÈRE, M.

CORRALL, R.J.M., WEBBER, R.G. & FRIER, B.M. Increase in coagulation factor VIII activity in man following acute hypoglycaemia: mediation via an adrenergic mechanism, 301.

COSTELLO, C., CATOVSKY, D., O'BRIEN, M. & GALTON, D.A.G. Prolymphocytic leukaemia: an ultrastructural study of 22 cases, 389.

COX, T.M. & PETERS, T.J. Cellular mechanisms in the regulation of iron absorption by the human intestine: studies in patients with iron deficiency before and after treatment, 75.

CUDDIGAN, B., *see* LANE, D.A.

DACIE, J. Haematology and haematologists: the last 25 years and some current problems, 1.

DANESHBOD-SKIBBA, G., MARTIN, J. & SHAHIDI, N.T. Myeloid and erythroid colony growth in non-anaemic patients with Fanconi's anaemia, 33.

DANIEL, M.T., *see* BENNETT, J.M.

DANIS, V., *see* TRENT, R.J.

DAS, K.C., MANUSSELIS, C. & HERBERT, V. *In vitro* DNA synthesis by bone marrow cells and PHA-stimulated lymphocytes. Suppression by nonradioactive thymidine of the incorporation of ^{3}H-deoxyuridine into DNA: enhancement of incorporation when inadequate vitamin B_{12} or folate is corrected, 51.

DAS, S.K. & NAIR, R.C. Superoxide dismutase, glutathione peroxidase, catalase and lipid peroxidation of normal and sickled erythrocytes, 87.

DAVID, O., *see* MAZZA, U.

DAVIES, B., *see* RUTHERFORD, C.J.

DAWES, J., *see* ANDERTON, J.L.

DAWSON, D.V., *see* GRAHAM, J.B.

DEACON, R., *see* WALFORD, D.M.

DE BRUYÈRE, M., CORNU, G., HEREMANS-BRACKE, T., MALCHAIRE, J. & SOKAL, G. HLA haplotypes and long survival in childhood acute lymphoblastic leukaemia treated with transfer factor, 243.

DEN OTTOLANDER, G.J., *see* GERAEDTS, J.P.M.

DE PAUW, B.E., WAGENER, D.J.TH., SMEULDERS, J.B.J.M., GEESTMAN, E.J.M., WESSELS, J.M.C. & HAANEN, C. Lymphocyte density distribution profile and spontaneous transformation related to the stage of Hodgkin's disease, 359.

DESFORGES, J.F., *see* RUTHERFORD, C.J.

DE VIRGILIS, S., *see* SANNA, G.

DEWAR, C.L. *see* LOWENTHAL, R.M.

DODD, N.J., *see* MINCHINTON, R.M.
DONATI, M.B. & POGGI, A. Malignancy and haemostasis, 173.
DUNN, C.D.R. Investigations into the *in vitro* sensitivity to erythropoietin of haematopoietic tissue from ex-hypoxic, erythrocytotic mice, 619.

EBBERINK, R.H.M., *see* AKKERMAN, J.W.N.
EDGAR, W., WARRELL, M.J., WARRELL, D.A. & PRENTICE, C.R.M. The structure of soluble fibrin complexes and fibrin degradation products after *Echis carinatus* bite, 471.
EFREMOV, G.D. *see* ALTER, B.P.
ELLIMS, P.H., HAYMAN, R.J. & VAN DER WEYDEN, M.B. Plasma thymidine kinase in megaloblastic anaemia, 167.
ELLIOTT, K. & WHELAN, J. (eds.) *Enzyme Defects and Immune Dysfunction* (Review), 517.
EL-MAALLEM, H. & FLETCHER, J. Impaired neutrophil function and myeloperoxidase deficiency in pregnancy, 375.
ELSTON, R.C., *see* GRAHAM, J.B.
ENGSTEDT, L., *see* PALMBLAD, J.

FAIS, R., *see* FURBETTA, M.
FANANAPAZIR, L., *see* ANDERTON, J.L.
FERENC, C., *see* VIANA, M.B.
FERNANDEZ, L.A., *see* KIROV, S.M.
FITCHEN, J., *see* HERSHKO, C.
FITCHEN, J.H. & CLINE, M.J. Serum inhibitors of myelopoiesis, 7.
FLANDRIN, G., *see* BENNETT, J.M.
FLETCHER, J., *see* EL-MAALLEM, H., *see also* PHILIP, M.A.
FLIEDNER, T.M., *see* GRILLI, G.
FLYER, P., *see* GRAHAM, J.B.
FOA, R., CATOVSKY, D., CHERCHI, M., BENAVIDES, I., GANESHAGURU, K. & HOFFBRAND, A.V. Cell surface and enzyme markers of cord blood lymphocytes, 583.
FONDU, P., MOZES, N., NEVE, P., SOHET-ROBAZZA, L. & MANDELBAUM, I. The erythrocyte membrane disturbances in protein-energy malnutrition: nature and mechanisms, 605.
FRAU, F., *see* SANNA, G.
FRIEDMAN, S., *see* KIM, H.C.
FRIER, B.M., *see* CORRALL, R.J.M.
FURBETTA, M., ANGIUS, A., XIMENES, A., TUVERI, T., ROSATELLI, C., SCALAS, M.T., FAIS, R., CAO A., ANGIONI, G. & CAMINITI, F. Prenatal diagnosis of β thalassaemia by fetal red cell enrichment with NH_4Cl-NH_4HCO_3 differential lysis of maternal cells, 441.

GALANELLO, R., *see* SANNA, G.
GALE, R.P., *see* GOLDE, D.W., *see also* HERSHKO, C.
GALTON, D.A.G., *see* BENNETT, J.M., *see also* COSTELLO, C.
GANESHAGURU, K., *see* FOA, R., *see also* JANOSSY, G.
GEESTMAN, E.J.M., *see* DE PAUW, B.E.
GERAEDTS, J.P.M., DEN OTTOLANDER, G.J., PLOEM, J.E. & MUNTINGHE, O.G. An identical translocation between chromosome 1 and 7 in three patients with myelofibrosis and myeloid metaplasia, 569.
GERMAIN, D., *see* COIFFIER, B.
GIDDINGS, J.C., *see* PARRY, D.H.
GOFF, S.C., *see* ALTER, B.P.
GOLDE, D.W., HOCKING, W.G., QUAN, S.G., SPARKES, R.S. & GALE, R.P. Origin of human bone marrow fibroblasts, 183.
GORDON, M.Y. & GORDON-SMITH, E.C. Mononuclear phagocytes and the production of colony-stimulating activity by T-lymphocytes, 515.
GORDON-SMITH, E.C., *see* GORDON, M.Y., *see also* LIEBERMAN, J.E.
GRAHAM, J.B., BARROW, E.S., FLYER, P., DAWSON, D.V. & ELSTON, R.C. Identifying carriers of mild haemophilia, 671.
GRALNICK, H.R., *see* BENNETT, J.M.
GRANT, J.A. & SCRUTTON, M.C. Positive interaction between agonists in the aggregation response of human blood platelets: interaction between ADP, adrenaline and vasopressin, 109.
GRAVELY, M.E., *see* ALTER, B.P.
GREAVES, M.F., *see* JANOSSY, G.
GRILLI, G., CARBONELL, F. & FLIEDNER, T.M. Variations in erythroid and myeloid progenitor cell numbers in normal human peripheral blood, 679.
GUERRASIO, A., *see* MAZZA, U.

HAANEN, C., *see* DE PAUW, B.E.
HALLBERG, D., *see* PALMBLAD, J.
HALUSHKA, P.V., *see* COLWELL, J.A.
HARRIS, J.U., *see* MERSKEY, C.
HAYHOE, F.G.J., *see* KARPAS, A.
HAYMAN, R.J., *see* ELLIMS, P.H.
HENRIKSSON, P., STENBERG, P., NILSSON, I.M., RASOVIC, N., KEZIC, J. & STENBJERG, S. A specific, fluorescent activity staining procedure applied to plasma and red blood cells in congenital factor XIII deficiency, 141.
HERBERT, V., *see* DAS, K.C.
HEREMANS-BRACKE, T., *see* DE BRUYÈRE, M.
HERRMANN, R.P., *see* WOODLIFF, H.J.
HERSHKO, C., GALE, R.P., HO, W. & FITCHEN, J. ABH antigens and bone marrow transplantation, 65.
HEYNS, A.DUP., LÖTTER, M.G., BADENHORST, P.N., VAN REENEN, O.R., PIETERS, H., MINNAAR, P.C. & RETIEF, F.P. Kinetics, distribution and sites of destruction of ^{111}Indium-labelled human platelets, 269.
HO, W., *see* HERSHKO, C.
HOCKING, W.G., *see* GOLDE, D.W.
HOFFBRAND, A.V., *see* FOA, R., *see also* JANOSSY, G.
HOPKINS, J.M.P. *see* SELDEN, C.
HUISMAN, T.H.J., *see* ALTER, B.P.

JANOSSY, G., HOFFBRAND, A.V., GREAVES, M.F., GANESHAGURU, K., PAIN, C., BRADSTOCK, K.F., PRENTICE, H.G., KAY, H.E.M. & LISTER, T.A. Terminal transferase enzyme assay and immunological membrane markers in the diagnosis of leukaemia: a multiparameter analysis of 300 cases, 221.
JEPSON, J.H. (ed.) *Hematologic Problems in Renal Disease* (Review), 518.
JOHNSON, A.J., *see* MERSKEY, C.
JOHNSON, C.A., CHUNG, K.S., MCGRATH, K.M., BEAN, P.E. & ROBERTS, H.R. Characterization of a variant prothrombin in a patient congenitally deficient in factors II, VII, IX and X, 461.

KAKKAR, V.V., *see* LANE, D.A.
KARPAS, A., WORMAN, C.P., KHALID, G., NEUMANN, N., HAYHOE, F.G.J., NEWELL, D. & STEWART, J.W. Phenotypic characterization of a virus producing line established from a patient with leukaemia/lymphoma: comparison with T-lymphoblastic and myeloblastic lines, 415.
KAY, H.E.M., *see* JANOSSY, G.
KEZIC, J., *see* HENRIKSSON, P.
KHALID, G., *see* KARPAS, A.
KIM, H.C., FRIEDMAN, S., ASAKURA, T. & SCHWARTZ, E. Inclusions in red blood cells containing Hb S or Hb C, 547.
KIRKLAND, D.L., WELCH, S.G., POVEY, S., NAJFELD, V., PRICE, D.J. & LAWLER, S.D. Glutamic pyruvate transaminase phenotypes in polycythaemia rubra vera, 407.
KIROV, S.M., KWANT, W.O., FERNANDEZ, L.A., MACSWEEN, J.M. & LANGLEY, G.R. Characterization of null cells in chronic lymphocytic leukaemia with B-cell allo- and hetero-antisera, 235.
KWANT, W.O., *see* KIROV, S.M.

LACOMBE, C., CASADEVALL, N. & VARET, B. Polycythaemia vera: *in vitro* studies of circulating erythroid progenitors, 189.

LAMB, M.A., *see* COOPER, H.A.
LANE, D.A., CUDDIGAN, B., VANROSS, M. & KAKKAR, V.V. Dysfibrinogenaemia characterized by abnormal fibrin monomer polymerization and normal fibrinopeptide A release, 483.
LANGLEY, G.R., *see* KIROV, S.M.
LAWLER, S.D., SUMMERSGILL, B., CLINK, H.MacD. & MCELWAIN, T.J. Cytogenetic follow-up study of acute non-lymphocytic leukaemia, 395.
LAWLER, S.D., *see also* KIRKLAND, D.L.
LEDNEY, G.D., *see* BAUM, S.J.
LEE, D., *see* COOPER, H.A.
LIEBERMAN, J.E. & GORDON-SMITH, E.C. Red cell pyrimidine 5′-nucleotidase and glutathione in myeloproliferative and lymphoproliferative disorders, 425.
LINDENBAUM, J. & NATH, B.J. Megaloblastic anaemia and neutrophil hypersegmentation, 511.
LIPS, J.P.M., *see* AKKERMAN, J.W.N.
LISTER, T.A., *see* JANOSSY, G.
LÖTTER, M.G., *see* HEYNS, A.DUP.
LOJDA, Z. *et al*, *Enzyme Histochemistry* (Review), 517.
LOWENTHAL, R.M., MARSDEN, K.A., DEWAR, C.L. & THOMPSON, G.R. Congenital dyserythropoietic anaemia (CDA) with severe gout, rare Kell phenotype and erythrocyte, granulocyte and platelet membrane reduplication: a new variant of CDA type II, 211.
LUNDGREN, E., *see* ABU SINNA, G.

MCELWAIN, T.J., *see* LAWLER, S.D.
MCGRATH, K.M., *see* JOHNSON, C.A.
MCLAREN, E.A., *see* COOK, I.A.
MACSWEEN, J.M., *see* KIROV, S.M.
MALCHAIRE, J., *see* DE BRUYÈRE, M.
MANDELBAUM, I., *see* FONDU, P.
MANUSSELIS, C., *see* DAS, K.C.
MARSDEN, K.A., *see* LOWENTHAL, R.M.
MARSHALL, R.W., *see* WATSON, D.K.
MARTIN, J., *see* DANESHBOD-SKIBBA, G.
MATHE, G. *et al* (eds) *Lymphoid Neoplasias* (Review), 171.
MAURER, H.S., *see* VIANA, M.B.
MAZZA, U., MELONI, T., DAVID, O., PICH, P.G., CAMASCHELLA, C., SAGLIO, G., CIOCCA VASINO, M.A., GUERRASIO, A. & RICCO, G. γ Chain composition in five Italian newborns heterozygous for Hb F Malta $^{G\gamma 117\ His\rightarrow Arg}$, 93.
MELAMED, M.R. *et al* (eds) *Flow Cytometry and Sorting* (Review), 518.
MELIS, M.A., *see* SANNA, G.
MELONI, T., *see* MAZZA, U.
MERSKEY, C., JOHNSON, A.J., HARRIS, J.U., WANG, M.T. & SWAIN, S. Isolation of fibrinogen-fibrin related antigen from human plasma by immuno-affinity chromatography: its characterization in normal subjects and in defibrinating patients with abruptio placentae and disseminated cancer, 655.
MEYER, D., *see* BAUMGARTNER, H.R.
MINCHINTON, R.M., DODD, N.J., O'BRIEN, H., AMESS, J.A.L. & WATERS, A.H. Autoimmune thrombocytopenia in pregnancy, 451.
MINNAAR, P.C., *see* HEYNS, A.DUP.
MITCHELL, R., *see* COOK, I.A.
MOORE, M., *see* WHITCOMB, W.H.
MOZES, N., *see* FONDU, P.
MUNTINGHE, O.G., *see* GERAEDTS, J.P.M.

NAIR, R.C., *see* DAS, S.K.
NAJFELD, V., *see* KIRKLAND, D.L.
NATH, B.J., *see* LINDENBAUM, J.
NEL, J.D. & STEVENS, K. A new method for the simultaneous quantitation of platelet-bound immunoglobulin (IgG) and complement (C_3) employing an enzyme-linked immunosorbent assay (ELISA) procedure, 281.
NEUMANN, N., *see* KARPAS, A.
NEVE, P., *see* FONDU, P.
NEWELL, D., *see* KARPAS, A.
NILSSON, I.M. *see* HENRIKSSON, P.
NILSSON, K., *see* ABU SINNA, G.
NITSCHKE, R., *see* WHITCOMB, W.H.

O'BRIEN, H., *see* MINCHINTON, R.M.
O'BRIEN, M., *see* COSTELLO, C.
OWEN, M., *see* SELDEN, C.

PAIN, C., *see* JANOSSY, G.
PALMBLAD, J., HALLBERG, D. & ENGSTEDT, L. Polymorphonuclear (PMN) function after small intestinal shunt operation for morbid obesity, 101.
PAPAYANNOPOULOU, TH., VICHINSKY, E. & STAMATOYANNOPOULOS, G. Fetal Hb production during acute erythroid expansion. I. Observations in patients with transient erythroblastopenia and post-phlebotomy, 535.
PARRY, D.H., GIDDINGS, J.C. & BLOOM, A.L. Familial haemostatic defect associated with reduced prothrombin consumption, 323.
PATTERSON, M., *see* CHUI, D.H.K.
PENNY, A.F., *see* WATSON, D.K.
PEPPER, D.S., *see* AMER, K.A.
PESCHLE, C., *see* WHITCOMB, W.H.
PETERS, T.J., *see* COX, T.M., *see also* SELDEN, C.
PETERSON, L.C., BLOOMFIELD, C.D. & BRUNNING, R.D. Relationship of clinical staging and lymphocyte morphology to survival in chronic lymphocytic leukaemia, 563.
PEZZUTTO, A., *see* BASSO, G.
PHILIP, M.A., STANDEN, G. & FLETCHER, J. The effects of surgical trauma on human granulopoiesis, 263.
PICH, P.G., *see* MAZZA, U.
PIETERS, H., *see* HEYNS, A.DUP.
PLOEM, J.E., *see* GERAEDTS, J.P.M.
POGGI, A., *see* DONATI, M.B.
POLLER, L., THOMSON, J.M. & YEE, K.F. Heparin and partial thromboplastin time: an international survey, 161.
POLLER, L., *see also* STEVENSON, K.J.
POLLIACK, A. *Normal, Transformed and Leukaemic Leucocytes* (Review), 171.
POVEY, S., *see* KIRKLAND, D.L.
PRENTICE, C.R.M., *see* EDGAR, W.
PRENTICE, H.G., *see* JANOSSY, G.
PRICE, D.J., *see* KIRKLAND, D.L.
PROWSE, C.V., *see* AMER, K.A.

QUAN, S.G., *see* GOLDE, D.W.
QUESENBERRY, P.J., *see* SULLIVAN, R.

RASOVIC, N., *see* HENRIKSSON, P.
REISNER, H.M., STRAND, E.A., CHUNG, K.-S. & ROBERTS, H.R. An agarose plate method for detecting alloantisera to coagulant factor IX and factor IX antigen, 313.
REIZENSTEIN, P., *see* BERAN, M.
RETIEF, F.P., *see* HEYNS, A.DUP.
RICCO, G., *see* MAZZA, U.
ROBB, A.L., *see* COOK, I.A.
ROBERTS, H.R., *see* JOHNSON, C.A., *see also* REISNER, H.M.
ROBERTSON, A.E., *see* COOK, I.A.
ROBINSON, E.A.E., *see* WATSON, D.K.
ROOS, G., *see* ABU SINNA, G.
ROSATELLI, C., *see* FURBETTA, M.
ROWLEY, J.D. Chromosome changes in acute leukaemia, 339.
RUBIN, A.D. & WAXMAN, S. (eds) *The Leukemia Cell* (Review), 172.
RUTHERFORD, C.J., DESFORGES, J.F., DAVIES, B. & BARNETT, A.I. The decision to perform staging laparotomy in symptomatic Hodgkin's disease, 347.

SAGLIO, G., *see* MAZZA, U.
SANNA, G., FRAU, F., MELIS, M.A., GALANELLO, R., DE VIRGILIIS, S. & CAO, A. Interaction between the glucose-6-phosphate dehydrogenase deficiency and thalassaemia genes at phenotype level, 555.
SCALAS, M.T., *see* FURBETTA, M.
SCHWARTZ, E., *see* KIM, H.C.
SCRUTTON, M.C., *see* GRANT, J.A.
SELDEN, C., OWEN, M., HOPKINS, J.M.P. & PETERS, T.J. Studies on the concentration and intracellular localization of iron proteins in liver biopsy specimens from patients with iron overload with special reference to their role in lysosomal disruption, 593.
SEMENZATO, G., *see* BASSO, G.
SHAHIDI, N.T., *see* DANESHBOD-SKIBBA, G.
SICARD, B., *see* COIFFIER, B.
SINIGAGLIA, F., *see* BALDUINI, C.L.
SLATER, P.J., *see* STEVENSON, K.J.
SMEULDERS J.B.J.M., *see* DE PAUW, B.E.
SOHET-ROBAZZA, L., *see* FONDU, P.
SOKAL, G., *see* DE BRUYÈRE, M.
SPARKES, R.S., *see* GOLDE, D.W.
STAMATOYANNOPOULOS, G., *see* PAPAYANNOPOULOU, TH.
STANDEN, G., *see* PHILIP, M.A.
STENBJERG, S., *see* HENRIKSSON, P.
STENBERG, P., *see* HENRIKSSON, P.
STEVENS, K., *see* NEL, J.D.
STEVENSON, K.J., SLATER, P.J. & POLLER, L. The British Comparative Thromboplastin: the relationship between lipid class composition and procoagulant activity, 495.
STEWART, J.W., *see* KARPAS, A.
STRAND, E.A., *see* REISNER, H.M.
SULLIVAN, R., ZUCKERMAN, K.S. & QUESENBERRY, P.J. The role of colony stimulatory activity in modulating murine diffusion chamber granulopoiesis, 365.
SULTAN, C., *see* BENNETT, J.M.
SUMMERSGILL, B., *see* LAWLER, S.D.
SWAIN, S., *see* MERSKEY, C.

THOMPSON, G.R., *see* LOWENTHAL, R.M.
THOMSON, J.M., *see* POLLER, L.
TRENT, R.J., CLANCY, R.L., DANIS, V. & BASTEN, A. Immune complexes in thrombocytopenic patients: cause or effect?, 645.
TSCHOPP, T.B., *see* BAUMGARTNER, H.R.
TUVERI, T., *see* FURBETTA, M.

UDEN, A.-M., *see* BERAN, M.
URBANIAK, S., *see* COOK, I.A.
URBANIAK, S.J., *see* AMER, K.A.

VAN DER WEYDEN, M.B., *see* ELLIMS, P.H.
VAN REENEN, O.R., *see* HEYNS, A.DUP.
VANROSS, M., *see* LANE, D.A.
VARET, B., *see* LACOMBE, C.
VIANA, M.B., MAURER, H.S. & FERENC, C. Subclassification of acute lymphoblastic leukaemia in children: analysis of the reproducibility of morphological criteria and prognostic implications, 383.
VICHINSKY, E., *see* PAPAYANNOPOULOU, TH.

WAGENER, D.J.TH., *see* DE PAUW, B.E.
WAGNER, R.H., *see* COOPER, H.A.
WALFORD, D.M. & DEACON, R. Globin chain biosynthesis in iron deficiency, 201.
WANG, M.T., *see* MERSKEY, C.
WARRELL, D.A., *see* EDGAR, W.
WARRELL, M.J., *see* EDGAR, W.
WATERS, A.H., *see* MINCHINTON, R.M.
WATSON, D.K., PENNY, A.F., MARSHALL, R.W. & ROBINSON, E.A.E. Citrate induced hypocalcaemia during cell separation, 503.
WAXMAN, S., *see* RUBIN, A.D.
WEBBER, R.G., *see* CORRALL, R.J.M.
WELCH, S.G., *see* KIRKLAND, D.L.
WESSELS, J.M.C., *see* DE PAUW, B.E.
WHELAN, J., *see* ELLIOT, K.
WHITCOMB, W.H., PESCHLE, C., MOORE, M., NITSCHKE, R. & ADAMSON, J.W. Congenital erythrocytosis: a new form associated with an erythropoietin-dependent mechanism, 17.
WOODLIFF, H.J. & HERRMANN, R.P. *Concise Haematology* (Review), 519.
WORMAN, C.P., *see* KARPAS, A.

XIMENES, A., *see* FURBETTA, M.

YEE, K.F., *see* POLLER, L.

ZANESCO, L., *see* BASSO, G.
ZUCKERMAN, K.S., *see* SULLIVAN, R.

Subject Index

ABH antigens and bone marrow transplantation (HERSHKO, GALE, HO & FITCHEN), 65.
Aggregation response of human blood platelets, positive interaction between agonists in: interaction between ADP, adrenaline and vasopressin (GRANT & SCRUTTON), 109.
Anaemia, congenital dyserythropoietic (CDA), with severe gout, rare Kell phenotype and erythrocyte, granulocyte and platelet membrane reduplication: a new variant of CDA type II (LOWENTHAL, MARSDEN, DEWAR & THOMPSON), 211.
Anaemia, megaloblastic, and neutrophil hypersegmentation (LINDENBAUM & NATH), 511.
Anaemia, megaloblastic, plasma thymidine kinase in (ELLIMS, HAYMAN & VAN DER WEYDEN), 167.

Book reviews
Concise Haematology, 519.
Enzyme Defects and Immune Dysfunction, 517.
Enzyme Histochemistry: a Laboratory Manual, 517.
Experimental Hematology Today 1979, 519.
Flow Cytometry and Sorting, 518.
Hematologic Problems in Renal Disease 518.
Lymphoid Neoplasias, 171.
Normal, Transformed and Leukaemic Leucocytes, 171.
The Leukaemic Cell, 172.

Chromosome 1 and 7, an identical translocation between, in three patients with myelofibrosis and myeloid metaplasia (GERAEDTS, DEN OTTOLANDER, PLOEM & MINTINGHE), 569.
Chromosome changes in acute leukaemia (ROWLEY), 339.

Diabetes mellitus, platelet function in (COLWELL & HALUSHKA), 521.
Digitonin-induced cell damage, rapid separation of cytosol and particle fraction of human platelets by (AKKERMAN, EBBERINK, LIPS & CHRISTIAENS), 291.
DNA synthesis, *in vitro*, by bone marrow cells and PHA-stimulated lymphocytes (DAS, MANUSSELIS & HERBERT), 51.
Dysfibrinogenaemia characterized by abnormal fibrin monomer polymerization and normal fibrinopeptide release (LANE, CUDDIGAN, VAN ROSS & KAKKAR), 483.

ELISA procedure, a new method for the simultaneous quantitation of platelet-bound immunoglobulin (IgG) and complement (C_3) employing (NEL & STEVENS), 281.
Erythrocyte membrane disturbances in protein-energy malnutrition: nature and mechanisms (FONDU, MOZES, NEVE, SOHET-ROBAZZA & MANDELBAUM), 605.
Erythrocytes, normal and sickled, superoxide dismutase, glutathione peroxidase, catalase and lipid peroxidation of (DAS & NAIR), 87.
Erythrocytosis, congenital: a new form associated with an erythropoietin-dependent mechanism (WHITCOMB, PERSCHLE, MOORE, NITSCHKE & ADAMSON), 17.
Erythroid and myeloid progenitor cell numbers, variations in normal human peripheral blood (GRILLI, CARBONEL & FLIEDNER), 679.
Erythropoietin of haematopoietic tissue from ex-hypoxic, erythrocytotic mice, investigations into the *in vitro* sensitivity to (DUNN), 619.

Factor VIII complex, structure-function of, studied with an immobilized heteroantisera to VIII:C (COOPER, LEE, LAMB & WAGNER), 149.
Factor VIII deficiency, congenital, a specific fluorescent activity staining procedure applied to plasma and red blood cells in (HENRIKSSON, STENBERG, NILSSON, RASOVIC, KEZIC & STENBJERG), 141.
Factor VIII/von Willebrand factor, human, shear rate dependent inhibition of platelet adhesion and aggregation on collagenous surfaces by antibodies to (BAUMGARTNER, TSCHOPP & MEYER), 127.
Factor IX, coagulant, and factor IX antigen, an agarose plate method for detecting alloantisera to (REISNER, STRAND, CHUNG & ROBERTS), 313.
Fanconi's anaemia, myeloid and erythroid colony growth in non-anaemic patients with (DANESHBOD-SKIBBA, MARTIN & SHAHIDI), 33.
Fibrin complexes, soluble, and fibrin degradation products, structure of, after *Echis carinatus* bite (EDGAR, WARRELL, WARRELL & PRENTICE), 471.
Fibrinogen-fibrin related antigen, isolation from human plasma by immuno-affinity chromatography (MERSKEY, JOHNSON, HARRIS, WANG & SWAIN), 655.
Fibroblasts, human bone marrow, origin of (GOLDE, HOCKING, QUAN, SPARKES & GALE), 183.
Frozen blood, effect of different resuspension media of the post-thaw characteristics of (AMER, PEPPER & PROWSE), 635.

Globin chain biosynthesis in iron deficiency (WALFORD & DEACON), 201.
Globin chain electrophoresis: a new approach to the determination of the $^{G}\gamma/^{A}\gamma$ ratio in fetal haemoglobin and to studies of globin synthesis (ALTER, GOFF, EFREMOV, GRAVELY & HUISMAN), 527.
Globin mRNA, α and β, unequal, in reticulocytes of normal and mutant *flf* fetal mice (CHUI, PATTERSON & BAYLEY), 431.
Glucose-6-phosphate dehydrogenase deficiency and thalassaemia genes, interaction at phenotype level (SANNA, FRAU, MELIS, GALANELLO, DE VIRGILIIS & CAO), 555.
Granulopoiesis, human, effects of surgical trauma on (PHILIP, STANDEN & FLETCHER), 263.
Granulopoiesis, murine diffusion chamber, the role of colony stimulating activity in modulating (SULLIVAN, ZUCKERMAN & QUESENBERRY), 365.

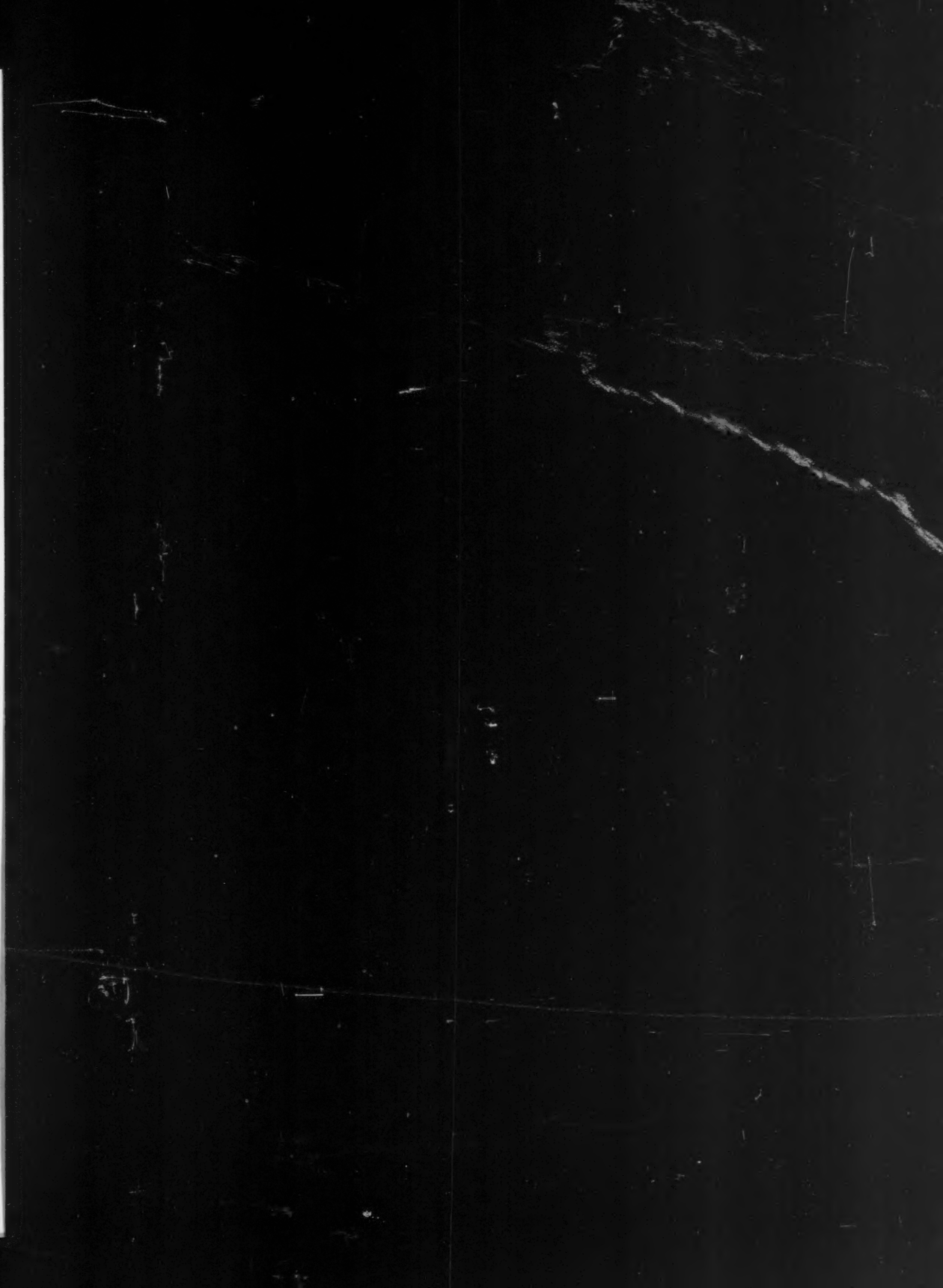
Haematology and haematologists: the last 25 years and some current problems (DACIE), 1.
Haemoglobin production, fetal, during acute erythroid expansion (PAPAYANNOPOULOU, VICHINSKY & STAMATOYANNOPOULOS), 535.
Haemophilia, mild, identifying carriers of (GRAHAM, BARROW, FLYER, DAWSON & ELSTON), 671.
Haemostasis and malignancy (DONATI & POGGI), 173.
Hb F Malta $G\gamma^{117\ His\rightarrow Arg}$, γ chain composition in five Italian newborns heterozygous for (MAZZA, MELONI, DAVID, PICH, CAMASCHELLA, SAGLIO, CIOCCA VASINO, GUERRASIO & RICCO), 93.
Heparin and partial thromboplastin time: an international survey (POLLER, THOMSON & YEE), 161.
Hodgkin's disease, lymphocyte density distribution profile and spontaneous transformation related to the stage of (DE PAUW, WAGENER, SMEULDERS, GEESTMAN, WESSELS & HAANEN), 359.
Hodgkin's disease, sympromatic, the decision to perform staging laparotoym in (RUTHERFORD, DESFORGES, DAVIES & BARNETT), 347.
Hypocalcaemia, citrate induced, during cell separation (WATSON, PENNY, MARSHALL & ROBINSON), 503.
Hypoglycaemia, acute, increase in coagulation factor VIII activity in man following: mediation via an adrenergic mechanism (CORRALL, WEBBER & FRIER), 301.

Inclusions in red blood cells containing Hb S or Hb C (KIM, FRIEDMAN, ASAKURA & SCHWARTZ), 547.
Iron absorption by the human intestine, cellular mechanisms in

the regulation of: studies in patients with iron deficiency before and after treatment (Cox & Peters), 75.
Iron proteins in liver biopsy specimens from patients with iron overload, studies on the concentration and intracellular localization of, with special reference to their role in lysosomal disruption (Selden, Owen, Hopkins & Peters), 593.
Isozymes of amino acid naphthylamidase in human haematopoietic cell lines (Abu Sinna, Lundgren, Nilsson & Roos), 25.

Leukaemia, acute, chromosome changes in (Rowley), 339.
Leukaemia, acute lymphoblastic, in children, subclassification of: analysis of the reproducibility of morphological criteria and prognostic implications (Viana, Maurer & Ferenc), 383.
Leukaemia, acute non-lymphatic, response to treatment in: prognostic value of colony forming and colony stimulating capacities of bone marrow and blood cells compared with other parameters (Beran, Reizenstein & Uden), 39.
Leukaemia, acute non-lymphocytic, cytogenetic follow-up study of (Lawler, Summersgill, Clink & McElwain), 395.
Leukaemia, childhood acute lymphoblastic, treated with transfer factor, HLA haplotypes and long survival in (De Bruyère, Cornu, Heremans-Bracke, Malchaire & Sokal), 243.
Leukaemia, chronic granulocytic, erythrocyte membrane modifications in (Balduini, Sinigaglia, Ascari & Balduini), 509.
Leukaemia, chronic lymphocytic, characterization of null cells in, with B-cell allo- and hetero-antisera (Kirov, Kwant, Fernandez, MacSween & Langley), 235.
Leukaemia, chronic lymphocytic, relationship of clinical staging and lymphocyte morphology to survival in (Peterson, Bloomfield & Brunning), 563.
Leukaemia, hypergranular promyelocytic (M3), a variant form of (Bennett, Catovsky, Daniel, Flandrin, Galton, Gralnick & Sultan), 169.
Leukaemia/lymphoma, phenotypic characterization of a virus producing line established from a patient with: comparison with T-lymphoblastic and myeloblastic lines (Karpas, Worman, Khalid, Neumann, Hayhoe, Newell & Stewart), 415.
Leukaemia, prolymphocytic: an ultrastructural study of 22 cases (Costello, Catovsky, O'Brien & Galton), 389.
Leukaemia, terminal transferase enzyme assay and immunological membrane markers in the diagnosis of: a multiparameter analysis of 300 cases (Janossy, Hoffbrand, Greaves, Ganeshaguru, Pain, Bradstock, Prentice, Kay & Lister), 221.
Lymphocyte, granulocyte and platelet contamination of blood frozen by the low-glycerol liquid nitrogen technique (Amer, Pepper & Urbaniak), 253.
Lymphocytes, cord blood, cell surface and enzyme markers of (Foa, Catovsky, Cherchi, Benavides, Ganeshaguru & Hoffbrand), 583.
Myelopoiesis, serum inhibitors of (Fitchen & Cline), 7.

Phagocytes, mononuclear, and the production of colony-stimulating activity by T-lymphocytes (Gordon & Gordon-Smith), 515.
Platelet function in diabetes mellitus (Colwell & Halushka), 521.
Platelets, human, ^{111}Indium-labelled, kinetics, distribution and sites of destruction of (Heyns, Lötter, Badenhorst, Van Reenen, Pieters, Minnaar & Retief), 269.
Polycythaemia rubra vera, glutamic pyruvate transaminase phenotypes in (Kirkland, Welch, Povey, Najfeld, Price & Lawler), 407.
Polycythaemia vera: *in vitro* studies of circulating erythroid progenitors (Lacombe, Casadevall & Varet), 189.
Polymorphonuclear function after small intestinal shunt operation for morbid obesity (Palmblad, Hallberg & Engstedt), 101.
Pregnancy, autoimmune thrombocytopenia in (Minchinton, Dodd, O'Brien, Amess & Waters), 451.
Pregnancy, impaired neutrophil function and myeloperoxidase deficiency in (El-Maallem & Fletcher), 375.
Progenitor cell culture, human bone marrow granulocytic, observations on: a comparison of two ways to express results (Coiffier, Sicard, Bryon & Germain), 335.
Prothrombin consumption, reduced, familial haemostatic defect associated with (Parry, Giddings & Bloom), 323.
Prothrombin variant, characterization of, in a patient congenitally deficient in factors II, VII, IX and X (Johnson, Chung, McGrath, Bean & Roberts), 461.
Pyrimidine 5′-nucleotidase and glutathione in myeloproliferative and lymphoproliferative disorders (Lieberman & Gordon-Smith), 425.

Rhesus immunization, frozen red cells in (Cook, Robb, Mitchell, McLaren, Urbaniak & Robertson), 627.

Thalassaemia, β, prenatal diagnosis of, by fetal red cell enrichment with NH_4Cl-NH_4HCO_3 differential lysis of maternal cells (Furbetta, Angius, Ximenes, Tuveri, Rosatelli, Scalas, Fais, Cao, Angioni & Caminiti), 441.
Thalassaemia genes and glucose-6-phosphate dehydrogenase deficiency, interaction at phenotype level (Sanna, Frau, Melis, Galanello, De Virgiliis & Cao), 555.
Thrombocytopenia, autoimmune, in pregnancy (Minchinton, Dodd, O'Brien, Amess & Waters), 451.
Thrombocytopenic patients, immune complexes in: cause or effect? (Trent, Clancy, Danis & Basten), 645.
β-Thromboglobulin, urinary, in essential hypertension (Anderton, Fananapazir & Dawes), 307.
Thromboplastin, British Comparative: the relationship between lipid class composition and procoagulant activity (Stevenson, Slater & Poller), 495.
Thymocytes and T lymphocytes, cytochemical study of (Basso, Cocito, Semenzato, Pezzutio & Zanesco), 577.